

IN THE CLAIMS:

1. (Currently Amended) A fitting for use in a fluid manifold system for being in fluid communication with two or more surface mount fluid components that are mounted on one or more substrate blocks, the fitting being adapted to be supported by one or more of said substrate blocks, the fitting comprising:

a first rectangular fitting end and a second rectangular fitting end, with said first and second rectangular fitting ends having a fluid passageway therebetween; said first and second rectangular fitting ends having respective planar surfaces that are coplanar with respect to each other; each of two of said coplanar surfaces having a seal surface formed therein that is recessed from said coplanar surface; each seal surface having a port formed therein that communicates with said fluid passageway ~~of said fitting having a first end and a second end, with said first end connectable with a port of a first fluid component, and said fluid passageway second end connectable with a port of a second fluid component; said fluid passageway first and second ends having a respective port associated therewith, said first and second ports being formed in respective surfaces that are coplanar with each other.~~

2. (Previously Presented) The fitting of claim 1 further comprising a plurality of metallic seals disposed for sealing said internal passageway of the fitting at said ports.

3. (Previously Presented) The fitting of claim 1 wherein said fluid passageway is generally U shaped.

4-28. Canceled.

29. (Currently Amended) The fitting of claim 1 wherein said first and second rectangular fittings each comprise six respective planar sides ~~wherein said ports are recessed from said coplanar surfaces.~~

30. (Currently Amended) The fitting of claim 1 ~~29~~ wherein each said seal surface ~~port~~ is formed by in a counterbore ~~in its respective surface.~~

31. (Previously Presented) The fitting of claim 30 comprising a seal adapted to be partially received in said counterbore.

32. (Previously Presented) The fitting of claim 31 wherein said seal is metal, polymer or elastomer.

33. (Currently Amended) The fitting of claim 1 wherein said first and second rectangular fitting ends comprise ~~comprising~~ first and second elbows connected to form a unitary structure.

34. (Currently Amended) The fitting of claim 1 comprising a channel block that receives at least a portion of the ~~said bridge~~ fitting in a groove formed in a mounting surface of said channel block; said coplanar surfaces of the bridge fitting being substantially coplanar with said mounting surface.

35. (Currently Amended) The fitting of claim 1 wherein said planar ~~respective~~ surfaces are substantially generally flat.

36-40. Canceled.

41. (Currently Amended) A fluid manifold system ~~modular-flow~~ system comprising:

a substrate;

two or more surface mount components supported by the substrate; and

at least one bridge fitting providing fluid communication between ~~connecting~~ two of said two or more surface mount components; said bridge fitting being supported by said substrate;

wherein said bridge fitting comprises first and second substantially rectangular ends, each said rectangular end having a respective fluid path that terminates at a respective port; said first and second fluid paths being connected by a third fluid path;

each said port being formed in a recessed seal ~~respective~~ surface from a surface that in part forms said substantially rectangular end ~~with said respective surfaces being coplanar with~~

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~~respect to each other; each said respective surface being formed as part of a counterbore of another surface.~~

42. (New) The fluid manifold system of claim 41 wherein said recessed surface is formed as part of a counterbore.